

## CLAIMS

What is claimed is:

1 A method for viewing images from an image capture device on a host  
computer, comprising steps of:

- a) establishing communication between the image capture device and the host computer;
- b) automatically generating an Internet page description file in the image capture device that references the images stored therein;
- c) mounting the image capture device as a disk on the host computer; and
- d) opening the Internet page description file in a web browser on the host computer, wherein the images stored in the image capture device are displayed on the host computer through the web browser without the need for loading camera-specific communication software onto the host computer.

2 A method as in claim 1 wherein step b) further includes the step of:

- i) providing Java files along with the Internet page description file in the image capture device.

3 A method as in claim 2 wherein a portion of the images in the image capture device are stored as compressed image files, step d) further including the step of:

- i) executing the Java files on the host computer for decompressing

4 the compressed image files and for extracting information from the image  
5 files for display by the web browser.

*Out A1*  
~~4 A method as in claim 3 wherein step b) further includes the step of:~~

~~2 i) automatically generating the Internet page description file when  
3 communication with the host computer is indicated.~~

1 5 A method as in claim 4 further including to step of:

2 e) storing the images displayed in the web browser on the host computer  
3 by copying the compressed image files from the image capture device directly to  
4 the host computer.

1 6 A method as in claim 5 wherein step e) further includes the steps of:

2 i) determining if any of the compressed image files have previously  
3 been copied to the host computer, and

4 ii) copying only the compressed image files to the host computer that  
5 have not been previously copied.

1 7 A method as in claim 6 further including the steps of:

2 f) uploading the Java files and the Internet page description file to the  
3 host computer, and

4 g) opening the Internet page description file in the web browser on the

5 host computer to display the images stored in host computer.

1 8 A system for viewing images from an image capture device on a host  
2 computer, comprising :

3 a host computer having an operating system and a web browser; and  
4 a digital camera having a plurality of images stored therein in communication  
5 with the host computer such that the digital camera appears to the host  
6 computer as a disk, the digital camera including means for generating an  
7 Internet page description file that references the stored images, wherein the  
8 Internet page description is accessible by the web browser on the host  
9 computer to enable a user to view the images on the digital camera from the  
10 host computer without the need for loading camera-specific communication  
11 software onto the host computer.

1 9 A system as in claim 8 wherein each image in the digital camera is stored in  
2 a compressed image file, the Internet page description file further having  
3 associated Java files that are invoked by the web browser for decompressing the  
4 compressed image files and for extracting information from the image files for  
5 display by the web browser.

1 10 A system as in claim 9 wherein the means for generating the Internet page  
2 description file generates the Internet page description file in response to an

3 indication that the digital camera is in communication with the host computer.

1 11 A system as in claim 10 wherein the Internet page description file is a HTML  
2 file.

1 12 A system as in claim 11 wherein the HTML file creates web pages that allow  
2 the user to transfer the images between the digital camera, the host computer, and  
3 the Internet.

1 13 A computer-readable medium containing program instructions for viewing  
2 images from a digital camera on a host computer, the program instructions for:

- 3 a) automatically generating an HTML file that references the images stored  
4 in the digital camera;
- 5 b) establishing a Universal Serial Bus (USB) connection between the digital  
6 camera and the host computer; and
- 7 c) identifying the digital camera to the host computer as a mass storage  
8 device class whereby the digital camera appears to the host computer as  
9 a disk, thereby allowing a user to open the HTML file in a web browser on  
10 the host computer, wherein the images stored in the digital camera are  
11 displayed on the host computer through the web browser without the  
12 need for loading camera-specific communication software onto the host  
13 computer.

1 14 A computer-readable medium as in claim 13 wherein instruction a) further  
2 includes the instruction of:

- 3 i) automatically generating an HTML file in response to the digital  
4 camera being placed into connect mode.

1 15 A computer-readable medium as in claim 14 wherein instruction a) further  
2 includes the instruction of:

- 3 ii) providing Java files along with the HTML file in the digital camera.

1 16 A computer-readable medium as in claim 15 wherein the HTML file includes  
2 an introduction page referencing an index page, further including the instruction of:

- 3 d) executing a Java Generation Applet on the host computer that scans  
4 the digital camera for images and generates the index page accordingly.

1 17 A computer-readable medium as in claim 15 wherein a portion of the images  
2 in the digital camera are stored as a compressed image files, instruction d) further  
3 including the instruction of:

- 4 d) executing the Java files on the host computer for decompressing the  
5 compressed image files and for extracting information from the image  
6 files for display by the web browser.

1 18 A computer-readable medium as in claim 17 further including to instruction

2 of:

3  
4 e) storing the images displayed in web browser on the host computer by  
5 copying the compressed image files from the digital camera directly to the  
host computer.

1 19 A computer-readable medium as in claim 18 wherein instruction e) further  
2 includes the instructions of:

- 3 i) determining if any of the compressed image files have previously  
4 been copied to the host computer, and  
5 ii) copying only the compressed image files images to the host  
6 computer that have not been previously copied.

1 20 A computer-readable medium as in claim 19 further including the instructions  
2 of:

- 3 f) uploading the Java files and the HTML file to the host computer, and  
4 g) opening the HTML file in the web browser on the host computer to  
5 display the images stored in host computer.